

**Please add claims 6 - 11 as follows:**

-- 6. (New) The lithium battery claimed in Claim 2, wherein said gel electrolyte is obtained by hardening a mixture of a liquid electrolyte and a monomer having at least two polymerizable functional groups in its molecular chain.

A2 7. (New) The lithium battery claimed in Claim 2, wherein said lithium salt comprises  $\text{LiBF}_4$ .

8. (New) The lithium battery claimed in Claim 3, wherein said lithium salt comprises  $\text{LiBF}_4$ .

9. (New) The lithium battery claimed in Claim 2, wherein the organic solvent constituting said liquid electrolyte contains  $\gamma$ -butyrolactone in an amount of not smaller than 50% by weight.

10. (New) The lithium battery claimed in Claim 3, wherein the organic solvent constituting said liquid electrolyte contains  $\gamma$ -butyrolactone in an amount of not smaller than 50% by weight.

11. (New) The lithium battery claimed in Claim 4, wherein the organic solvent constituting said liquid electrolyte contains  $\gamma$ -butyrolactone in an amount of not smaller than 50% by weight. --